



Wound Packing Models

D.I.Y.





Do It Yourself

Wound Packing Models

- This presentation will show the step-by-step process for making your own wound packing models.
- Using this process, the wound packing models are reusable over and over again.
- Products shown in this presentation are for demonstration purposes only and are not an endorsement of any manufacturer or brand.
- Special thanks to Crystal Eastman, Paramedic, Christy Allen, Paramedic, and the E.M.S. Education Department of the Denver Paramedic Division for preparing this presentation.



List of Ingredients Needed



Photo by Crystal Eastman

- Platinum silicone rubber
- Platinum silicone additive
- Flesh tone, blue and blood silicone pigment
- Can of compressed air
- Measuring cups
- 1.5 quart 9"X5" glass baking pan
- 2 Spatulas,
- 2 Different containers to mix silicone in
- Mold release spray
- Tongue depressors
- Scalpel or knife
- Paper towels and gloves (this is a messy process).
- Approximate Cost: \$50.00 in materials per model

Step 1



Clean the glass mold well and spray with mold release.

Step 2



Mix equal parts (about 25ml) of silicone part A and B. Once mixed, you will have 10-12 minutes of working time until the mixture begins to set.

Step 3



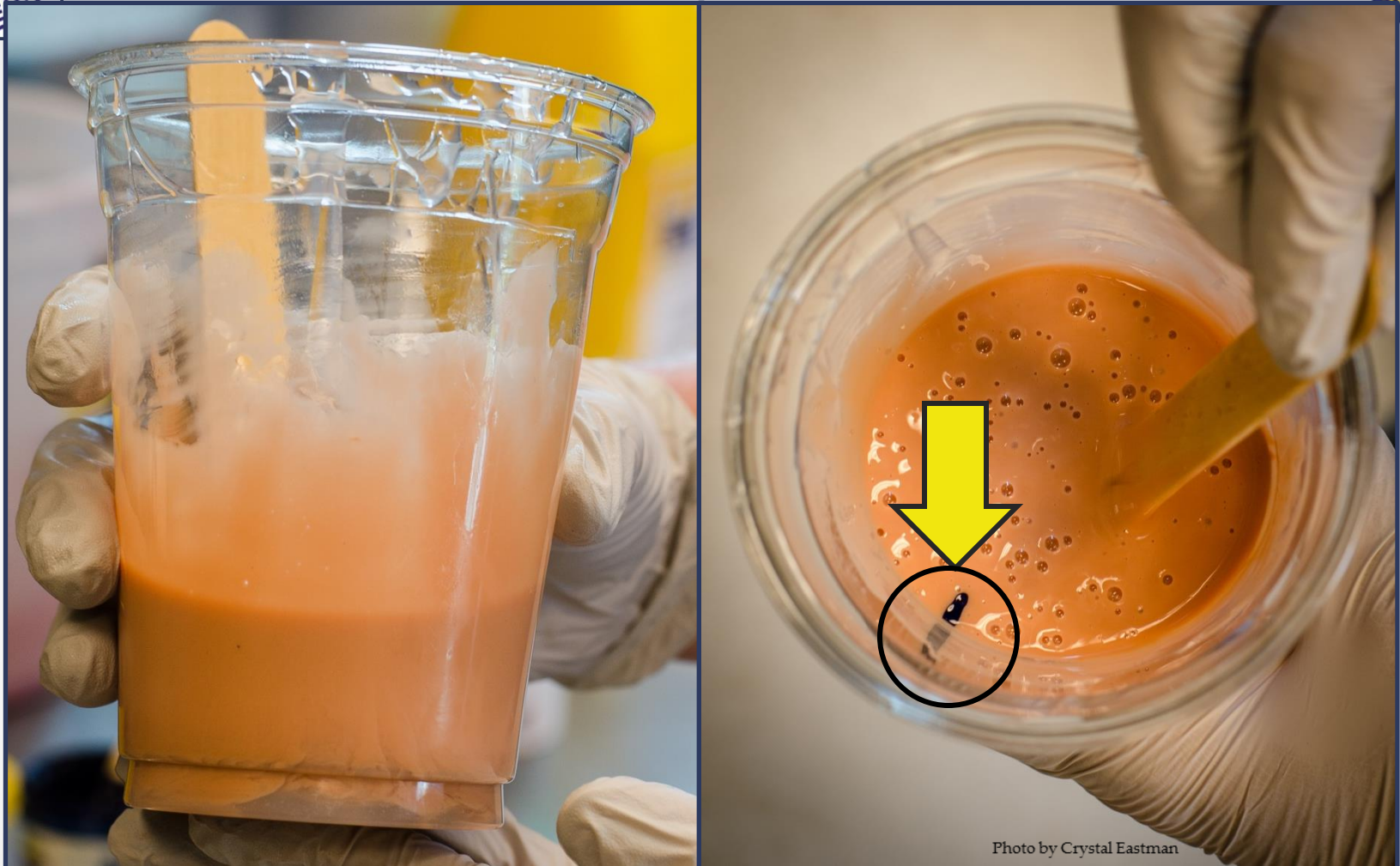
Add 10ml of the silicone deadening agent.

Step 4



Add flesh tone silicone pigment to simulate skin color and mix well until there are no streaks.

Step 5



Add a trace amount of blue silicone pigment to balance out the peach coloration, mix well until there are no streaks.

Step 6



Photo by Crystal Eastman

Pour mixture into the mold until you reach the desired “skin” thickness.



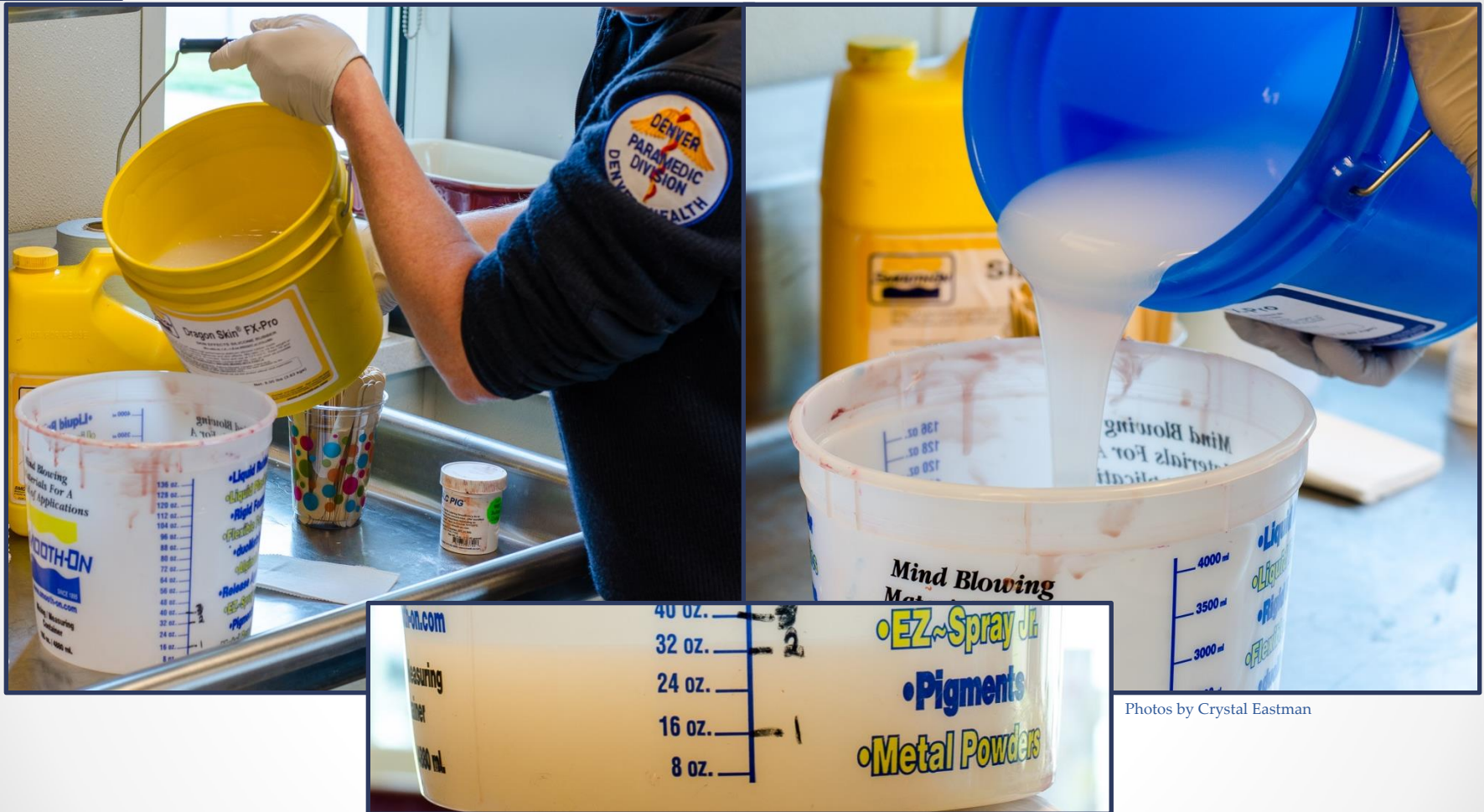
Step 7



Tap the mold to bring air bubbles to the surface and spray the mixture with compressed air to pop the bubbles. Repeat until the bubbles are gone.
If using a can of compressed air, take care not to cause the silicon mixture to freeze. Use short spurts of air.
The mixture will cure in 45 minutes.



Step 8



Photos by Crystal Eastman

Mix equal parts (16oz each) of silicone part A and part B.
Once mixed, you'll have 10-12 minutes of working time before the mixture begins to set.

Step 9



Add 8oz of the silicone deadening agent and mix well.

Step 10



Add blood silicone pigment until you get the desired color. Start with a small amount, you can always add more color if necessary.

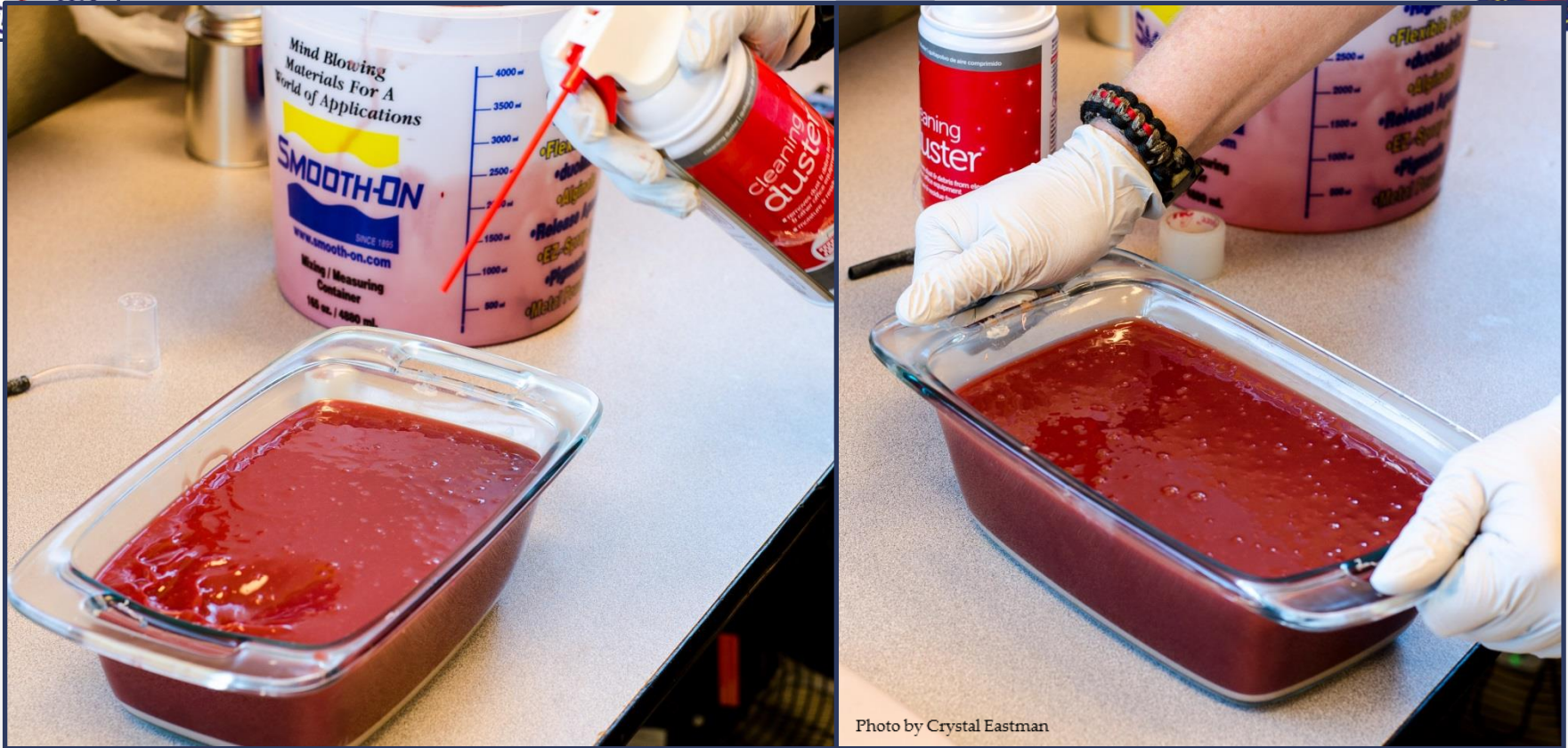
Mix thoroughly until there are no streaks left and be sure to scrape the sides and bottom as you mix.

Step 11



Pour the mixture into the mold.

Step 12



Tap the mold to bring air bubbles to the surface and spray the mixture with compressed air to pop the bubbles. Repeat until the bubbles are gone. If using a can of compressed air, take care not to cause the mixture to freeze. Spray in short spurts. The mixture will cure in 45 minutes.

Step 13

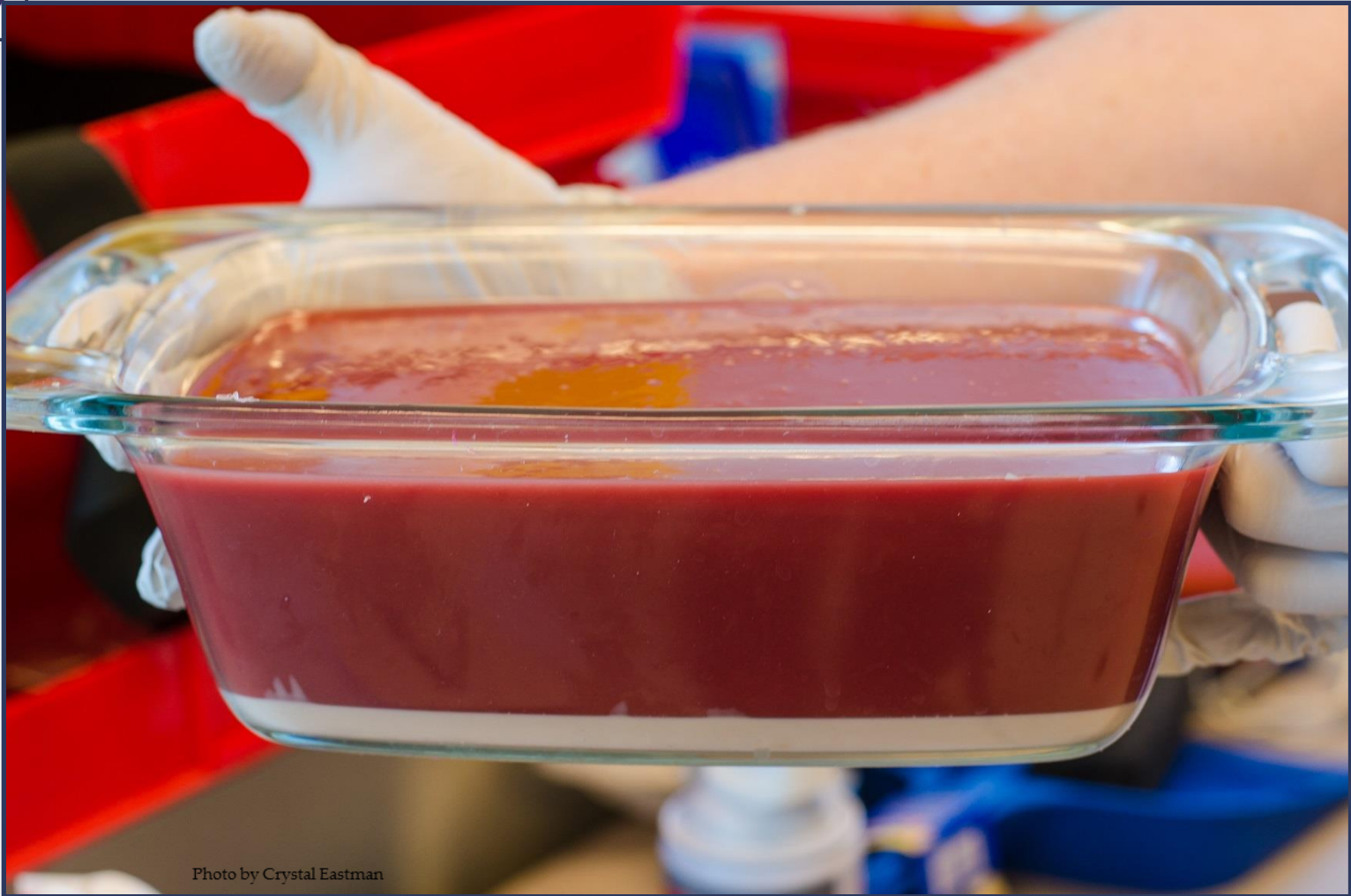


Photo by Crystal Eastman

After 45 minutes or longer, peel the finished product out of the mold.

Step 14



Using a scalpel or knife, cut the desired wound into the mold. This will simulate a wound that goes through the skin and into the muscle below.

Step 15



Photo by Crystal Eastman

Use a small amount of talcum powder to reduce the sticky feeling of the mold.

If desired, IV tubing can be placed up through the bottom of the wound and red-colored fluid run through it to simulate bleeding.